

# ARIZONA DEPARTMENT OF HEALTH SERVICES

# INVENTORY OF INJURY PREVENTION AND CONTROL PROGRAMS

#### INVENTORY OF INJURY PREVENTION ACTIVITIES

#### Arizona Department of Health Services

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Name of the Intervention Activity: Arizona EMS and Trauma System Plan, 2002-2005

**ADHS Unit Name:** Bureau of Emergency Medical Services

Contact Person/Phone Number: Vicki Conditt, Trauma Program Coordinator

**Type of Activity:** Guidance for EMS and Trauma Services

**Description of Activity:** Identifies, organizes and integrates elements necessary for a comprehensive, cost effective, statewide, EMS and Trauma continuum of care, from prevention and event recognition to full recovery. Includes system evaluation and change.

**Frequency of Activity:** On-going. Being used actively for guidance in developing Rules for Trauma Services, in particular, Verification and Designation. Provides for leadership development, operational and clinical components, disaster preparedness and definitive care through Trauma Centers. Due for revision in 2005.

**Target Audience:** Contributors to the Arizona EMS and Trauma System Plan include the State Trauma Advisory Board, the State EMS Councils and Sub-committees thereof, and ADHS and BEMS staff. (The Plan was initially developed by The Abaris Group under contract with the State.)

**Beneficiaries:** Providers of Emergency Medical Services, pre-hospital and hospital based. All residents and visitors in the State of Arizona.

Cause of injury: All trauma- related causes are considered: (MVC, fall, assault, eg),

**Type of Injury:** Impact pierce, cut, gun shot, burn

Geographic Area: State of Arizona.

**Outcomes or results of intervention:** Rules for Trauma Center designation are in process of review for implementation in 2006. No systematic assessment has been made of the Plan.

**Advisory Group:** Yes

State Trauma Advisory Board (STAB) Legislatively established.

**Funded:** Funded within EMS state funds

**Comments:** Mandated by statute: ARS - 36-21.1. A prevention focus is reflected in the state prevention Plan and the Trauma legislation enacted 2004

Name of the Intervention Activity: Childhood Lead Poisoning Prevention Program

ADHS Unit Name: BEDCS, Office of Environmental Health, Children's Environmental Health Section

Contact Person/Phone Number: Diane Eckles 602-364-3131

**Type of Activity:** Data collection and surveillance, intervention and prevention programs

**Description of Activity:** Conduct lead poisoning surveillance, environmental investigations, case management and prevention outreach programs.

Frequency of Activity: On-going.

**Target Audience:** Children  $\leq$  6 years of age, parents, health providers, laboratories, AHCCCS, adults with occupational lead exposure, employers, Industrial Commission of Arizona Safety Division, housing authorities and housing rehabilitation programs.

**Beneficiaries:** Children < 6 years of age, pregnant women, adults with occupational lead exposure.

Cause of Injury: Poisoning

**Type of Injury:** Central nervous system injury, impairment of brain development, lowered intelligence, behavior problems, anemia.

**Geographic Area:** Statewide. Some areas with older housing and mining activities pose greater risk. Minority and poor populations are at greater risk.

#### **Outcomes or results of intervention:**

**Advisory Group:** Yes Arizona Lead Poisoning Prevention Coalition

**Funding:** Lead poisoning prevention is an un-funded mandate under ARS 36-1672 through 1676. Three sources provide Federal funding: 1) CDC Lead Poisoning Prevention Grant; 2) Childhood Lead Poisoning Prevention Program; 3) Adult Blood Lead Epidemiology and Surveillance.

Name of the Intervention Activity: Pesticide Poisoning Prevention Program

ADHS Unit Name: BEDCS, Office of Environmental Health, Investigation and Surveillance Section

Contact Person/Phone Number: Muhamed Hadzihasanovic 602-364-3145

Type of Activity (see below): Data collection and surveillance, intervention/prevention program

**Description of Activity:** Conduct pesticide poisoning surveillance, case management.

Frequency of Activity: On-going.

**Target Audience:** Health care providers, agricultural workers, Arizona Department of Agriculture, Arizona Structural Pest Control Commission, and the Interagency Farm-worker Coalition.

**Beneficiaries:** Individuals with structural or agricultural pesticide exposure, especially agricultural workers and children who suffer from occupational take-home pesticide exposure.

Cause of Injury: Poisoning.

Type of Injury: Central nervous system injury, multi-systemic injuries

Geographic Area: Statewide, both rural and urban areas.

Outcomes or results of intervention:

**Advisory Group:** No

**Funding:** The Pesticide Poisoning Prevention Program is an unfunded mandate under ARS: 36-606. It receives no federal or other outside monies.

Name of the Intervention Activity: SunWise School Program/ Skin Cancer Education and Prevention

**ADHS Unit Name:** BEDCS Office of Environmental Health, Children's Environmental Health Program

**Contact Person/Phone Number:** Sharon McKenna 602-364-3143

**Type of Activity:** Education

**Description of Activity:** SunWise is a K-8 school program that teaches children and educators how to protect themselves from overexposure to the sun.

Frequency of Activity: On-going

**Target Audience:** Children and educators, school nurses, parent-teacher organizations, principals, physical education teachers, individuals and organizations who work with children and the public

Beneficiaries: School age children, general public

**Cause of injury being addressed:** Overexposure to the sun's ultraviolet rays and artificial UV radiation through sun lamps and tanning booths

Type of Injury: Skin damage, skin cancer

Geographic Area served: Statewide

**Outcomes or results of intervention:** Recipients in SunWise survey demonstrate commitment to improving habits after using SunWise program.

**Advisory Group:** No

Funding: Centers for Disease Control Preventative Health and Health Service Block Grant (2003-2006)

**Comments:** Any educator can register on-line for a free SunWise toolkit with curriculum for children k-8 and a Frisbee that changes color when exposed to the sun's ultraviolet rays at: <a href="https://www.azdhs.gov/phs/sunwise">www.azdhs.gov/phs/sunwise</a>.

Name of the Intervention Activity: Crash Outcome Data Evaluation System (CODES)

**ADHS Unit Name:** Bureau of Public Health Statistics

Contact Person/Phone Number: Tim Flood 602-542-7331

**Type of Activity:** Data collection and surveillance.

**Description of Activity:** The project, located at the University of Arizona College of Engineering, links crash and outcome data for crashes occurring from 2003 forward. Yearly updates are planned. ADHS contributes: death certificates, hospital discharge data, and emergency department data used in the record linkage.

Frequency of Activity: On-going

Target Audience: Agencies charged with controlling motor vehicle injuries (ADOT, GOHS, ADHS)

**Beneficiaries:** Agencies, who in turn work with the public. Potentially interested parties include: ADOT, GOHS, ADHS, Tribes, INS, ITCA, Counties.

Cause of Injury: Motor vehicle crashes

**Type of Injury:** All types. (Includes TBI, SCI; also monitors the role of alcohol in crashes.)

Geographic Area: Statewide

**Advisory Group:** Yes

Funding: The National Highway Traffic Safety Administration funds.

**Comments:** Previous data included 1998-2000, may no longer be accessed.

Name of the Intervention Activity: Maricopa Drowning Surveillance Project

**ADHS Unit Name:** Bureau of Public Health Statistics

Contact Person/Phone Number: Tim Flood 602-542-7331

Type of Activity: Data collection and surveillance. ADHS does not perform the

intervention component.

**Description of Activity:** This is ADHS's contribution to the Drowning Prevention Coalition of Central Arizona. The project collects forms from local fire departments, which voluntarily submit Incident Reports of the water-related incidents they respond to through the 9-1-1 systems.

**Frequency of Activity:** On-going. Data available from 1988-2003; Year 2004 data are being collected.

**Target Audience:** ADHS prepares a report for the Drowning Coalition. While fire departments are the major users, many other entities (newspapers, hospitals) in the community request this report.

**Beneficiaries:** Residents of Maricopa County

Cause of Injury: Drowning/ Near Drowning in pools, buckets, canals, tubs, lakes, etc.

Type of Injury: Drowning and anoxic brain damage

Geographic Area: Maricopa County

**Outcomes or results of intervention:** 

**Advisory Group:** No

**Funding:** ADHS surveillance activities occur "un-funded." The data are used to document the magnitude of drowning and near-drowning, type of water (pool), age, sex, race and apparent circumstances of the incidents.

Name of the Intervention Activity: Traumatic Brain and Spinal Cord Injury Surveillance Program

**ADHS Unit Name:** Bureau of Public Health Statistics, Office of Health Registries

**Contact Person/Phone Number:** Ardis Decker, MPH, Program Manager 602-542-1125

**Type of Activity:** Data collection and surveillance. Technical assistance.

**Description of Activity:** Statewide population based surveillance system collects and disseminates information regarding incidence of traumatic brain and spinal cord injury to Arizona residents annually using Arizona Hospital Discharge Data and Vital Statistics mortality data (pre-hospital deaths).

Frequency of Activity: On-going.

**Target Audience:** The TBI Surveillance Program provides data for planning, implementation and evaluation of prevention programs and policy development.

Beneficiaries: Residents of Arizona

Cause of injury: Motor vehicle crashes, falls, firearms, sports and recreation, interpersonal violence.

**Type of Injury:** Traumatic Brain and Spinal Cord Injury

Geographic Area: Statewide

**Outcomes or results of intervention:** 

**Advisory Group:** No

**Funding:** Through CDC Cooperative Agreement

**Comments:** Data available since 1992. 2002 data collection in process.

Name of the Intervention Activity: ALS Complaint Investigation

**ADHS Unit Name:** Division of Licensing Services

Contact Person/Phone Number: Lisa Wynn, Deputy AD, 602 364-3068

Type of Activity: Assurance

**Description of Activity:** Investigations of all complaints received against health care facilities and childcare facilities

**Frequency of Activity:** Investigations are conducted, whenever the Department receives complaints, within two to forty-five working days, depending on the priority assigned to the complaint.

**Target Audience:** Arizona DHS Day Care Facilities Inspection Specialists, and Health Care Facilities Inspection Specialists.

**Beneficiaries:** Children who receive care and supervision from child care centers and group homes. Parents and guardians who use the services of child care facilities, patients of all medical facilities including hospitals, outpatient treatment centers, home health agencies, hospice agencies and inpatient hospice facilities; residents of assisted living homes and assisted living centers; participants in adult day health care centers; residents of nursing care institutions; and clients of inpatient and outpatient behavioral health treatment programs.

**Cause of injury:** Falls, unsafe playground equipment, drowning, burns, animal bites, physical and sexual abuse, injuries due to inadequate supervision, elopement of residents or patients with dementia, and poor skin care.

Type of Injury: All

Geographic Area: Statewide

**Outcomes or results of intervention:** 

**Advisory Group:** No

**Funding:** Funding mandate by statute, by DHS through the State General Fund. Additional funds from the Arizona Department of Economic Security (DES), the Federal Health Care Financing Administration (HCFA), and the Arizona Health Care Cost Containment System (AHCCCS).

Name of the Intervention Activity: Child Care Facility Licensing

**ADHS Unit Name:** Division of Licensing Services

Contact Person/Phone Number: Lisa Wynn, Deputy AD, 602-364-3068

Type of Activity: Assurance

**Description of Activity:** Licensing inspections of child care centers and group homes to determine compliance with minimum standards. These standards include staffing, supervision, and environmental requirements.

Frequency of Activity: Inspections are conducted annually; licenses are renewed every three years.

Target Audience: Arizona DHS Daycare Facilities Inspection Specialists.

**Beneficiaries:** Children who receive care and supervision from childcare facilities; and parents and guardians who use the services of child-care facilities.

**Cause of injury:** This activity can help prevent and control injuries caused by falls, unsafe playground equipment, drowning, burns, animal bites, physical and sexual abuse, and injuries due to inadequate supervision.

**Type of Injury:** Any

Geographic Area: Statewide

**Outcomes or results of intervention:** 

**Advisory Group:** No

**Funding:** Funded mandate according to A.R.S. 36-897.05 (B), and A.R.S. 36-882(C), by DHS through the State General Fund and the Arizona Department of Economic Security (DES).

Name of the Intervention Activity: Health Care Facility Licensing

**ADHS Unit Name:** Division of Licensing Services

Contact Person/Phone Number: Lisa Wynn, Deputy AD, 602-364-3068

Type of Activity: Assurance

**Description of Activity:** Licensing inspections of health care facilities to determine compliance with minimum standards. These standards include staffing, supervision, and environmental requirements.

**Frequency of Activity:** Inspections are conducted annually, or once every two years, at discretion of the department, if a facility has a deficiency-free inspection.

Target Audience: Arizona DHS Health Care Facilities Inspection Specialists

**Beneficiaries:** Patients of all medical facilities including hospitals, outpatient treatment centers, home health agencies, hospice agencies and inpatient hospice facilities; Residents of assisted living homes and assisted living centers; participants in adult day health care centers; Residents of nursing care institutions; and clients of inpatient and outpatient behavioral health treatment programs.

**Cause of injury:** Falls, elopement of residents or patients with dementia, poor skin care, abuse, neglect and poor supervision.

**Type of Injury:** Any

Geographic Area: Statewide

**Outcomes or results of intervention:** 

**Advisory Group:** No

**Funding:** Mandated according to A.R.S.: 36-405(b) (2-3) and funded by the State General Fund, the Federal Health Care Financing Administration (HCFA) and the Arizona Health Care Cost Containment System (AHCCCS).

Name of the Intervention Activity: Midwife Licensing / Complaint Investigation

**ADHS Unit Name:** Division of Licensing Services

Contact Person/Phone Number: Lisa Wynn, Deputy AD 602-364-3068

Type of Activity: Assurance

Description of Activity: Investigation of complaints and assessment for licensing of direct entry (non-

nurse) midwives.

Frequency of Activity: Every two years licensing

Target Audience: Lay mid-wives. ALS midwife surveyor

Beneficiaries: Mothers who elect to deliver their infants with the services of midwives. Infants who are

delivered with the assistance of midwives.

Cause of injury: Childbirth, pre/peri/post partum events

**Type of Injury:** Any

Geographic Area: Statewide

**Outcomes or results of intervention:** 

**Advisory Group:** No

**Funding:** Title V Block Grant pays for 0.5 FTE. Otherwise through Department budget.

**Comments:** Nurse mid-wives are regulated and licensed by the Arizona State Board of Nursing.

Name of the Intervention Activity: Implementation of *Healthy Arizona 2010* 

ADHS Unit Name: Office of Health Systems Development, Healthy Arizona 2010,

Contact Person/Phone Number: Geri Tebo 602-319-5817

**Type of Activity:** Collect reports from Injury Prevention Program and others. Community interventions

focused on chronic health problems at this time.

**Description of Activity:** Working with county Healthy Arizona 2010 coordinators, collect information on local projects (i.e. project description, target population, contact person, funding, evaluation plan, etc.)

Frequency of Activity: On-going

Target Audience: CBO'S, health agencies, businesses, schools, etc.

Beneficiaries: All-inclusive

Cause of Injury: Injury objectives include: motor vehicle, homicide, suicide, drowning.

Type of Injury: All-inclusive

Geographic Area: Statewide

**Outcomes or results of intervention:** As reported from Injury Prevention Program.

**Advisory Group:** Yes

**Funding:** Funded by state. Supports Mini-grants for data collection

Name of the Intervention Activity: Fall Prevention Targeting Older Adults

**ADHS Unit Name:** Division of Public Health Services

Contact Person/Phone Number: Karla Roberts, Fall Prevention Coordinator 602-542-2954

or Ramona Rusinak, Project Manager Healthy Aging 2010 602-364-0526

Type of Activity: Preliminary technical assistance with community based programming and coalition

building. Public awareness education.

**Description of Activity:** Healthy Aging mini-grants. A survey of current activities related to fall and injury prevention and a white paper on the issue of falls and injuries among older adults in Arizona is under development.

**Frequency of Activity:** The Healthy Aging 2010 project provided one time mini-grants focused on developing community awareness and education regarding the issue of injurious falls among older adults.

**Target Audience:** Community based organizations and County Health Departments are among the recipients of current Healthy Aging mini-grants. Potential stakeholders and partners in state planning efforts would include the Aging Network, healthcare systems and providers, academia, coalitions, national, state and local chronic disease and advocacy coalitions.

**Beneficiaries:** Persons 65 years of age or older, living in Arizona

**Cause of injury being addressed:** Fall related injury among older adults.

**Type of Injury:** Hip fractures, head injury and related injuries.

Geographic Area served: Statewide

**Outcomes or results of intervention:** Coalition building in Apache, Cochise and Santa Cruz counties and Inter-Tribal Council of Arizona. Expansion of physical activity programming and education in Flagstaff senior center, the U of A Cooperative Extension Bone Builders program and Escalante Community Center physical activity program. Education programming for family caregivers at the Alzheimer's Association and expansion of Pima County Public Health Nursing Fall Prevention Program to three new communities.

**Advisory Group:** No

Funding: Unfunded

**Comments:** The Fall Prevention Coordinator has just been established in 1/05 and will move injury prevention efforts forward.

Name of the Intervention Activity: Arizona Injury Surveillance and Prevention Plan, 2002-2005

**ADHS Unit Name:** Office of Women's and Children's Health, Education Unit

Contact Person/Phone Number: Eleanor Strang, Program Manager, Injury Prevention

**Type of Activity (see below):** Establish, maintain and update the Injury Prevention Plan.

**Description of Activity:** Through the Departmental Injury Prevention Internal Work Group and the external Injury Prevention Advisory Council, provide and update a Plan for monitoring injury data, assessing trends and needs, proposing strategies and evaluating outcomes of injury prevention efforts.

**Frequency of Activity:** On-going with periodic updating. Revision due in 2005.

**Target Audience:** Agencies, community groups, statewide and regional units which are involved in Injury Prevention.

**Beneficiaries:** Residents of Arizona and transient visitors

Cause of injury: All (14) of those included in the STIPDA recommendations (Safe States, 2003)

**Type of Injury:** Unintentional and intentional

Geographic Area: State of Arizona

Outcomes or results of intervention: Printed and disc copies of Plan distributed to public through fairs,

meetings (eg Regional EMS Councils, AZPHA, County Health Officers, in ADHS, to IPAC)

**Advisory Group:** Yes Injury Prevention Advisory Council (IPAC)

**Funded:** CDC Core States Injury Cooperative Agreement through July 2005.

**Comments:** To be updated in 2005 to span 2006-2010

Name of the Intervention Activity: Child Care Health Consultation

**DHS Unit Name:** Office of Women's and Children's Health, Education Unit

Contact Person/Phone Number: Dorothy Hastings (602) 364-1423

**Type of Activity:** Health and Safety Consultation

**Description of Activity:** Provides consultation to daycare providers on playground safety, room arrangements, poisoning, how to evaluate children and shelter in place in the childcare setting, transporting children in center vehicles, first aid, sun safety, infant sleep safety and other topics as identified. Child Care Health Consultants training is provided utilizing the curriculum of the National Training Institute for Child Care Health Consultants (NTICCHC) developed by the University of North Carolina's School of Public Health. Developed and continues to update a childcare flip chart that assists providers on reduction of injuries.

Frequency of Activity: On-going

Target Audience: Daycare settings

**Beneficiaries:** Children in daycare.

Cause of injury: Various

**Type of Injury:** Various

Geographic Area: Pima County

Geographic Area served: Pima County

Outcomes or results of intervention: Most notable during this year is that the Governor's School

Readiness Board is recommending that this service be available statewide

**Advisory Group:** No

**Comments:** Funded through the Maternal and Child Health Block Grant.

Date: 11/23/04

Name of the Intervention Activity: Child Fatality Review Program

**ADHS Unit Name:** Office of Women's and Children's Health, Assessment Section

Contact Person/Phone Number: Susan Newberry (602) 542-2889

**Type of Activity:** On going surveillance of child fatalities from birth through age 17 at local and state levels.

**Description of Activity:** Systematic, multi-disciplinary, multi-agency, and multi-modality review of child fatalities in Arizona. The purpose is the reduction of preventable child fatalities through training activities, community based prevention and through data- driven recommendations for legislation and public policy.

**Frequency of Activity:** On-going, with an annual report due by November 15<sup>th</sup> to the governor, legislature and public. The Child Fatality State Team and Local Team Coordinators' meetings are held quarterly. Local Child Fatality Review Teams meet as needed to complete reviews of fatalities of all children who resided in their county and deaths occurring within their county of children who resided outside Arizona.

**Target Audience:** State policy makers, legislators, Governor, community agencies and the community at large.

Beneficiaries: Arizona citizens.

Cause of injury: All causes of child fatalities.

**Type of Injury:** All fatalities of children through 17 years occurring in Arizona are reviewed.

Geographic Area: State of Arizona.

**Outcomes or results of intervention:** Annually, the Child Fatality Review Team prepares a report summarizing their findings and proposing actions to reduce preventable deaths. The Arizona Child Fatality Review Program provides data for research and presentations on preventing child deaths in Arizona. In 2004, research and presentation topics included deaths attributed to drowning, motor vehicle crashes, Sudden Infant Death Syndrome (SIDS), other unexpected infant deaths, exposure, and infectious disease.

**Advisory Group:** No

**Funding:** ARS 36-3504 established the Child Fatality Review Fund, to be administered by the Department of Health Services to staff the State Child Fatality Review Team and to train and support local child fatality review teams.

Name of the Intervention Activity: Unexplained Infant Death Advisory Council

**ADHS Unit Name:** Office of Women's and Children's Health, Child Fatality Review

Contact Person/Phone Number: Susan Newberry (602) 542-2889

**Type of Activity:** Discussion and identification of needed educational materials and recommendations for action related to unexplained infant deaths.

**Description of Activity:** Development of educational materials for first responders, investigation protocol and autopsy protocol. Review existing efforts to reduce unexpected infant deaths to inform the governor and the legislature of the need for specific programs regarding unexplained infant death.

Frequency of Activity: Unexplained Infant Death Advisory Council meets semi-annually.

**Target Audience:** Health agencies, community organizations representing families with unexplained infant deaths, first responders, and medical examiners.

Beneficiaries: Arizona citizens affected by infant deaths.

Cause of injury: Unexplained causes of death

**Type of Injury:** Unexplained infant deaths

Geographic Area: State of Arizona

**Outcomes or results of intervention:** Distribution of Infant Death Checklist and Unexplained Infant Death Investigation Protocol to law enforcement agencies throughout Arizona, with the goals to standardize the process of unexplained infant death investigations throughout the state, promote compassion and sensitivity with parents and caregivers during investigations and to ensure medical examiners are provided sufficient information from investigators to assist in determining the cause and manner of an infant's death

Reduction of unexpected/unexplained infant deaths, such as deaths due to SIDS, positional asphyxia, and overlying.

**Advisory Group:** No

**Funding:** The Council was established by ARS 36-2291. This is an unfunded mandate. Administrative support is provided by the Child Fatality Review Program.

**Comments:** The scope of the Council may include fetal deaths, in addition to unexplained infant deaths.

Name of Intervention Activity: Community Health Program

**ADHS Unit Name:** Office of Women's and Children's Health, Planning & Partnership Unit

Contact Person/Phone Number: Patricia Rhodes, Program Manager 602-364-1464

Type of Activity: Education, direct client services

**Description of Activity:** Eight community-based injury prevention projects are funded. Most of the contractors provide infant and child car seat safety programs including the distribution of car seats, two contractors target adolescents through an adolescent passenger safety program held at high schools. These projects have developed strategies to reduce drug and/or alcohol use among adolescents related to motor vehicle accidents. Specific activities among the eight projects include:

- Holding safety fairs
- Providing services to schools, clinics, day care centers
- Providing community education and referral
- Checking for and providing proper installation of currently owned infant and child car seat restraints (also checking for recalled car safety seats and exchanging them for new ones)
- Classes on proper use and installation of child car seats and booster seats
- Providing free or very low cost car seats and booster seats to parents/participants
- Instructors of the classes are NHTSA certified car seat safety technicians
- Training new NHTSA technicians
- Instruction on safe seat belt usage for teens and adult women
- Instruction on safe seat belt usage for pregnant women
- Distribution of car seat, booster seat and seat belt usage literature
- Distribution of bicycle helmets to children
- Adolescent programs at high schools educating teens about safe driving, effects and dangers of drug and/or alcohol use/abuse
- Instruction to women of childbearing age on the dangers of drug and/or alcohol use/abuse as it relates to motor vehicle safety
- Assisting children with accessing primary care and enlisting more physicians to provide it
- Mandatory training of resident physicians in the Maricopa Integrated Health Services Emergency Department in child/infant car seat safety
- Distributing training materials to over 800 pediatricians to be used to train their staff and parents on child/infant car seat safety
- Ticket Deferral Program

Frequency of Activity: Ongoing

**Target Audience:** Day care workers, firemen, homeless shelters, school nurses, teachers, police officers, parents/caregivers, behavioral health workers, pediatric physicians, health care workers, community agencies/organizations. Low-income families, those with health disparities and students

**Beneficiaries:** Infants and children, parents, adolescents through age 18, women, and the entire community with the decrease in motor vehicle accidents and ensuing injuries

Cause of injury: Bicycle accidents, Motor vehicle accidents, Motor vehicle accidents through drug or alcohol use and/or abuse

Type of Injury: Various

Geographic Area: Counties and Tribal lands

Apache County

Cochise County (Cochise Network Association)

Coconino County

Inter Tribal Council of Arizona, Inc. (serving 19 tribes)

Maricopa County (including Maricopa Integrated Health Services)

Mariposa Community Health Center (Nogales area)

Mohave County

Pinal County

#### Outcomes or results of intervention (2003):

Car seat fittings and education provided on existing seats -1,954

Car seat/booster seats distributed – 1,983

Bicycle helmets distributed – 760

Families having received home safety devices - 566

NHTSA technicians trained – 59

NHTSA trainers trained -2, with more on the way

Pre-tests/post-tests show improved understanding of proper car seat installation techniques, importance of using car seats, and importance of using home safety devices for protection of children

Car seat safety classes – 66

Arizona American Academy of Pediatricians members (868) received a car seat information packet that included training videos in Spanish and/or English, training manual and brochures to use in their own practices

Ticket Deferral Program has been established in various areas in the state

Physicians at the MIHS Emergency Department trained in infant/child car seat safety – 165

Maricopa Integrated Health Services employees trained in infant/child car seat safety – 133

Hopi and San Carlos tribes have developed their own car seat safety brochures and poster using local children in the photographs for distribution throughout their tribal areas

Bi-lingual staff have been hired in the various programs

educational materials in both English and Spanish have been purchased and distributed

Advisory Group: No

**Funding:** Through the Office of Women's and Children's Health by Title V Maternal and Child Health Block Grant.

Name of the Intervention Activity: County Prenatal Block Grant

**ADHS Unit Name:** Office of Women's and Children's Health, Planning & Partnership Unit

Contact Person/Phone Number: Virginia James, Program Manager, 602-364-1446

**Type of Activity:** Prevention, Education, Direct client services

**Description of Activity:** Provide car seat safety training and car seats for women who enter their prenatal program and/or post-partum programs. In addition, the "Click It or Ticket" program is utilized to market this service. Free training and car seats are often used as incentives to families to encourage early prenatal care. Education on car seat safety and pregnancy is also provided. Instructors of the classes are certified car safety technicians. Specific activities among the eleven projects include: Holding safety fairs.

Checking for and providing proper installation of currently owned car seat restraints
Classes on proper use and installation of car seats and booster seats
Providing free car seats and booster seats to parents/participants
Instruction on seat belt usage, distribution of car seat, booster seat and seat belt usage literature

Frequency of Activity: On-going

**Target Audience:** Low-income families, new parents and pregnant women in several counties which are not receiving Community Health Grant monies.

**Beneficiaries:** Children under the age of 2 years old, pregnant drivers

Cause of injury: Motor vehicle accidents

**Type of Injury:** Various

Geographic Area:

Graham County Greenlee County LaPaz County Mohave County

Santa Cruz County Yavapai County Yuma County

**Outcomes or results of intervention:** In contract year 2003/2004, over 230 contacts were made, including education, safety checks and car seats distributed.

**Advisory Group:** Yes. Each County Contractor is required to organize and coordinate an advisory group consisting of providers, community members and clients.

**Funding**: State dollars through the County Prenatal Block Grant used for Title V Maternal and Child Health Block Grant match funds.

Name of the Intervention Activity: Emergency Medical Services for Children (EMSC)

ADHS Unit Name: Public Health Prevention Services, Office of Women's and Children's Health

Contact Person/Phone Number: Jan Kerrigan, Arizona Safe Kids/EMSC Coordinator, 602-542-7340

**Type of Activity:** Injury Surveillance and Prevention Demonstration Grant for Children

**Description of Activity:** Implementation of various activities related to child injury including development of a distance-learning version of didactic Pediatric Emergency Prehospital Professionals (PEPP) training, provision of PEPP training to rural Basic Life Support pre-hospital providers, financial support of various local injury prevention projects such as development of a child safety seat interview tool; creation of a SIDS prevention demonstration, purchase and distribution of AAP safety information sheets, and "never shake a baby" posters; and implementation of a bicycle helmet education and promotion program.

Frequency of Activity: On-going.

**Target Audience:** EMS field personnel, regional EMS councils, hospital emergency department staff, school nurses and other local health care providers.

Beneficiaries: School age children, EMS field Personnel, Hospital Emergency Department staff.

Cause of injury: Various

**Type of Injury:** Various

Geographic Area: State of Arizona

#### **Outcomes or results of intervention**

- Developed a statewide EMSC plan based on national EMSC objectives after assessing regional needs with input from each of Arizona's regional EMS councils.
- Created an ADHS/EMSC/PEPP *Distance-Learning* Advisory Group to formulate a targeted approach to pediatric education using the American Academy of Pediatrics (AAP) endorsed PEPP course. The program specifically targets Basic Life Support (BLS) providers in rural areas.
- Developed a research model to evaluate the effectiveness of a PEPP program using a standardized videotaped didactic component thereby minimizing training limitations due to instructor availability, cost, and accessibility.
- Obtained permission from the AAP/PEPP Steering Committee to utilize their BLS course content.
- Established initial contact with the National EMSC Data Resource Center (NEDARC) to collaborate on research design, data collection, and analysis.
- Purchased and distributed equipment for BLS/ALS/PEPP training to the four EMS regions in the state. Equipment is stored in strategic locations throughout the state in order to enhance accessibility for rural providers and centralized pre-hospital agencies. Localization is intended to foster accountability for maintaining the equipment among the selected agencies as well as generate support for the program.
- Produced five standardized videotape PEPP presentations for BLS level assessment and interventions through the Cooley Advertising Group and the Phoenix Fire Department, utilizing leaders in pediatric care from multiple hospitals and agencies throughout the state. The video scripts were based on the

- AAP/PEPP Steering Committee's recommendations and consensus of Arizona project members. Four sets of videotapes were created for distribution throughout the state.
- Developed one-day course curriculum as well as testing tools to measure knowledge acquisition, retention, and student satisfaction.
- Created a database to track outcome measures (knowledge retention and student satisfaction) and compare the on-site traditional course model with the *Distance-Learning* alternative.
- Provided seven BLS/PEPP courses from March 2003 to present. Live presentations were given at two courses and videotaped *Distance-Learning* was offered for the didactic portion in five courses. Courses were primarily in rural areas of Arizona. Total participants to date in BLS/PEPP are 142.
- Developed new statewide pediatric protocols with the assistance of the four EMS Regional Councils
- Established participant and instructor databases to plan future trainings and track retention of participants.
- Assisted Arizona Child Fatality Review with community projects such as SIDS public education
  program in Phoenix metropolitan area; Injury Prevention and Counseling program in Pima County
  through school nurses; Infant Safe Sleeping educational display in Pima County; Bicycle Helmet
  promotion in Yavapai County; Shaken Baby Prevention Education in Yavapai County; and Child
  Passenger Safety technician training for six emergency department technicians in Phoenix.

**Advisory Group:** EMSC Advisory Group, meets twice annually, consists of members of state-wide emergency departments, representatives of Arizona Medical Emergency Systems, Inc., air and ground ambulance companies, Bureau of Emergency Medical Systems, and pre-hospital providers.

**Funding:** EMSC program is offered through a non-competing partnership demonstration grant from the Department of Health and Human Services, Health Resources Services Administration, Maternal and Child Health Bureau, funded \$100,000 annually.

Grant is currently in year two of a three-year grant, and applying for continuation.

Name of the Intervention Activity: Arizona SAFE KIDS® Coalition

**ADHS Unit Name:** Public Health Prevention Services, Office of Women's and Children's Health

Contact Person/Phone Number: Jan Kerrigan, Arizona SAFE KIDS/EMSC Coordinator, 602-542-7340

**Type of Activity:** Injury Prevention

**Description of Activity:** Implementation of various child injury prevention activities based on community assessments of risk, public awareness campaigns, media strategies, injury prevention advocacy at state and local levels, including motor vehicle child passenger safety; pedestrian safety; bicycle safety; drowning prevention. SAFE KIDS® Arizona Coalition is the lead agency for the network of four coalitions and one chapter in the State.

Frequency of Activity: On-going

**Target Audience:** Children, parents and other volunteers, public policymakers, businesses, law enforcement, firefighters and paramedics, and educators.

Beneficiaries: Children under 15 years.

**Cause of injury:** All unintentional injuries, including: Motor vehicle, pedicycle, and pedestrian accidents, drowning, fire and scald burns, poisonings, unintentional shootings, falls, and airway obstructions.

Type of Injury: Various

Geographic Area: State of Arizona

**Comments:** National Safe Kids Campaign is a nonprofit program of Children's National Medical Center. The Campaign is primarily grant-supported by partners such as Johnson & Johnson, General Motors, Bell Sports, FedEx Express, First Alert, Gatorade, National Athletic Trainers' Association Research and Education Foundation, Centers for Disease Control and Prevention, United States Fire Administration, MetLife Foundation, and others.

**Outcomes or results of intervention:** Local Coalition accomplishments include regular car seat testing events, a permanent car seat testing site, child passenger safety (CPS) technician certification and development of resource materials for public education. A community assessment of injury risk was done 12/04 and action plan will be created in 1/05.

**Advisory Group:** Arizona Safe Kids Coalition Board is currently being developed to consist of representatives of Safe Kids coalitions located in Arizona, lay-persons from Arizona communities, and injury prevention specialists from other programs

**Funding:** Arizona Safe Kids Coalition receives no routine funding. Mini-grants are periodically available from National Safe Kids Coalition. Arizona Department of Health Services funds 0.5 FTE inkind to lead Arizona Safe Kids Coalition.

#### **Comments:**

Updated December 13, 2004/JK

Name of the Intervention Activity: Rural Safe Home Network

ADHS Unit Name: Office of Women's and Children's Health, Planning & Partnership Unit

Contact Person/Phone Number: JAnn Pope, Program Manager, (602) 542-7341

**Type of Activity:** Education, Prevention, Direct client services

**Description of Activity:** Funding is provided to safe homes in Casa Grande, Chinle, Globe, Lake Havasu, Safford and Apache Junction. The safe homes provide emergency, temporary shelter and related services (e.g.) crisis intervention, peer counseling, case management, legal advocacy, transportation, information and referral to victims of domestic violence and their families.

Funding is also provided to:

The Arizona Coalition Against Domestic Violence to provide advocacy training for shelter and safe home services providers, with priority given to the ADHS Rural Safe Home Network Contractors. The training provides participants with information about cultural diversity and cultural sensitivity. ACADV also conducts regional training programs that are coordinated with safe home staff. Local authorities and experts work with programs to assure cultural sensitivity and to address the cultural aspects of the community.

The Never Again Foundation actively advocates for the civil rights of physical and sexual abuse victims through out Arizona. The Foundation's litigation efforts bring financial accountability to abusers and raise the public's awareness of civil remedies available to abuse victims. The legal advocacy, representation and litigation services are provided free of charge to victims. The Foundation accepts cases that can do the most good for the greatest number of people. The Never Again Foundation also strives to set precedents that gather public attention and bring financial consequences to batterers.

**Verde Valley Sanctuary, Inc.** provides crisis intervention and stabilization services and counseling to children who have experienced and/or witnessed domestic violence. The goals for this program include identifying children in the target audience (K-5<sup>th</sup> grade throughout the Verde Valley) who may exhibit the risk factors of family management problems and family conflict; and offer them group services delivered in a classroom setting. These sessions help children learn about appropriate and nurturing family relationships, parenting skills, self-nurturing skills and give them the tools to make constructive life-choices. The program also supplies didactic materials on nurturing parenting (in Spanish when needed) and service referrals to caregivers of the children involved in the program who request assistance.

The Y.E.S. program delivers crisis intervention services to children identified as traumatized by domestic violence. The Y.E.S. program provides education, support groups, and individual counseling for children so they may discuss healthy relationship skills; anger and stress management; and self-esteem building. The focus of the Y.E.S. program is directed at children and their caregivers who have experienced domestic violence in a rural setting for whom intervention services are otherwise unavailable.

Frequency of Activity: On-going

**Target Audience:** Safe Homes, law enforcement, health care professionals, social service agencies, faith-based organizations, and the courts.

**Beneficiaries:** Victims of domestic violence and their dependents, the community

Cause of injury: Homicide, assault and other interpersonal violence

Type of Injury: Various including: brain and/or spinal injuries, orthopedic injuries, etc.

Geographic Area: Statewide

#### **Outcomes or results of intervention:**

Nine safe home contractors and seven safe homes were funded Women sheltered during the year - 408 Children sheltered during the year - 488 Individual peer counseling hours provided to persons sheltered - 1063 Group counseling hours provided to persons sheltered - 1324

**Advisory Group:** No

**Funding:** Funding is from the U.S. Department of Health and Human Services, Family Violence Prevention and Services Act.

Name of the Intervention Activity: Rape Prevention and Education Program

**ADHS Unit Name:** The ADHS Office of Woman's and Children's Health (OWCH)

Contact Person/Phone Number: Carol Hensell, Program Manager (602) 542-7343

**Type of Activity:** Program provides primary and secondary rape prevention and education, with ongoing referrals regarding tertiary prevention.

**Description of Activity:** Efforts to increase awareness of rape and sexual assault prevention include: implementation or expansion of youth rape prevention education programs/awareness campaigns, including programs that target young men and under served communities; providing programs for Spanish speaking/Native American populations; linguistically appropriate rape prevention education activities which disseminate information on sexual harassment, definition of rape, and strategies that increase assertive communication, reporting and awareness of sexual violence. Additionally: in contract year 2003-2004, the first Rape Prevention and Education media campaign was implemented. Part of the scope of work for the contract with the University of Arizona is to maintain a current web-based Rape Prevention and Education site. The University of Arizona, College of Public Health has designed the website to share rape and sexual assault statistics, evaluation tools, and research materials. They provide materials in over 30 rape-related topics.

Frequency of Activity: On-going

**Target Audience:** Middle & high school youth, Native American youth, College & University young adults, caregivers to disabled, iIncarcerated youth. Additionally the lesbian, gay, bisexual, and transgender (LGBT) community, LGBT victims of sexual assault, and service providers who come in to contact with LGBT victims of sexual assault.

**Beneficiaries:** The general population of Arizona with focus on the target audience as stated above.

Cause of injury being addressed: Sexual violence /rape.

**Type of Injury:** Rape/sexual violence of all types.

**Geographic Area served:** Funded contractors are located in the following counties within Arizona: Maricopa, Pinal, Pima, Graham, Apache, and Coconino.

**Outcomes or results of intervention:** Reducing the incidence of sexual violence and attempted violence through provision of prevention education throughout Arizona.

The eighth month of the previous contract indicated the contractors had presented 661 sessions of rape prevention and education. The vast majority of sessions (534 or 98%) were provided to youth ages 12-14. Community presentations accounted for 89 presentations or about 17%. It is noteworthy that Navajo presentations were presented in the Navajo language.

Recognize the definition of consent; distinguish rape myths from facts;

Data gathered for the first eight months of the previous contract indicated approximately 200 students have demonstrated an average 40% overall increase in knowledge.

Increase public awareness on prevention and occurrence of sexual violence.

In collaboration with partners and contractors, implement a statewide social marketing campaign on prevention of sexual violence reaching up to 900,000 households statewide. This was met in May of 2004, with the implementation of the first statewide Rape Prevention and Education media campaign.

The collaboration of the funded ADHS-RPEP contractors has greatly enhanced the rape prevention message across the state of Arizona.

**Advisory Group:** No

**Funding:** The Rape Prevention and Education grant is a non-competitive grant through the Injury Section of the Centers of Disease Control. The fiscal year begins on November 1 and ends on October 31 the following year.

**Comments:** In February of 2005, there will be a collaborative meeting between the Rape Prevention and Education Program, Abstinence Program, Domestic Violence Program, and the Injury Program. This will be the first such meeting within the Injury/Education programs housed in the OWCH.

Name of the Intervention Activity: Safe Home/Safe Child Safety Assessment

ADHS Unit Name: Office of Women's and Children's Health/Health Start Program

Contact Person/Phone Number: Stacy Green 602-364-1452

**Type of Activity:** Safety Assessment

**Description of Activity:** The Safe Home/Safe Child Safety Assessment contains an extensive checklist of potential home, water, environmental and automobile hazards. Lay health workers supplement the assessment with in-home demonstrations on safety devices.

**Frequency of Activity:** A lay health worker conducts the Safe Home Assessment when the child is four or five months of age. However, the lay health workers can use their discretion and conduct the assessment during the prenatal period or update the assessment during various periods of the child's life up to age 2 years.

**Target Audience:** Health Start contractors, lay health workers. Contractors are County Health Departments, Community Health Centers and Community Based Organizations

**Beneficiaries:** Health Start clients. These clients are high risk pregnant and post partum women residing in low-income communities

Cause of injury being addressed: Intentional and unintentional

**Type of Injury:** Many

**Geographic Area served:** Areas of Maricopa, Coconino, Mohave, Apache and Pima Counties, Pinal County, Yuma County, Yavapai County, Cochise County, Nogales, and Globe.

**Outcomes or results of intervention:** Unavailable for this period. Collection of data regarding the number of SafeHome/Safekids assessments may begin in the near future. At this time, it is only marked on forms but not captured in the database.

**Advisory Group:** No

Funding: Currently state funded

**Comments:** While the policy and procedure manual specifies when the assessment should be done, families have the right to refuse this service.

Name of the Intervention Activity: Tribal Highway Safety Coalition.

**ADHS Unit Name:** Office of Women's and Children's Health, Education Unit, Injury Prevention

Program and Department Native American Liaison.

Contact Person/Phone Number: Eleanor Strang, 602-364-3190, Michael Allison, 364-1041.

**Type of Activity:** Coordination only.

**Description of Activity:** Communicate and coordinate highway traffic injury prevention efforts among

IHS, ADHS, ITCA, BIA, and the tribes.

Frequency of Activity: Quarterly meetings.

Target Audience: Injury prevention staff of IHS, ADHS, ITCA, BIA, and the tribes.

Beneficiaries: Arizona Native American community and ADHS.

Cause of injury: Primarily motor vehicle crashes, environmental elements and alcohol related issues.

**Type of Injury:** All injuries related to motor vehicle crashes.

Geographic Area served: Indian reservation lands in Arizona.

Outcomes or results of intervention: Facilitation of Tribes getting outside funding for improving traffic

dangers, sharing of data, technical assistance for establishing Tribal data sets.

**Advisory Group:** No

**Funding:** Un-funded.

Name of the Intervention Activity: OCSHCN Traumatic Brain Injury Programs

**ADHS Unit Name:** Office for Children with Special Health Care Needs

Contact Person/Phone Number: Cathryn Echeverria, Office Chief 602-542-1860

Type of Activity: Intervention, education

**Description of Activity:** 1) Provide basic information about cause and effects of Traumatic Brain Injury (TBI), impact on children, their families, schools and communities. Increase awareness of TBI and how to prevent. 2) Promote partnerships and collaborations for design, implementation and continuous improvement of a comprehensive system of resources for children with traumatic brain injuries, their families and the communities in which they live. Currently partner with the Governor's Office on Spinal and Head Injuries to further systems development.

Frequency of Activity: On-going

**Target Audience:** families, EMS, police, fire fighters, physicians, teachers, social service workers, hospital emergency room staff, state agency representatives, school nurses, therapists, interested community members, school administrators, physical education teachers, coaches, child care providers, special education teachers and aides.

**Beneficiaries:** Family members, children, youth, teens, and parents; professional providers; community citizens

**Cause of injury:** Motor vehicle accidents, falls, bicycle / skateboard / scooter / roller skate/ roller blade accidents. Other causes are abuse, gunshot, or other external trauma.

Type of Injury: Traumatic brain injuries

Geographic Area: Statewide

**Outcomes or results of intervention:** 

**Advisory Group:** No

**Funding:** Funded in part through Title V grants and in-kind by ADHS Staff and TBI Service Coordinators, including BHHS Legacy for development of continuum of care systems in Maricopa County

Name of the Intervention Activity: Parent Education/Anticipatory Guidance

**ADHS Unit Name:** Public Health Prevention /Office for Children with Special Health Care Needs

- Community Health Nursing
- Service Coordination (Az. Early Intervention Program, Traumatic Brain Injury Program, Children with Special Health Care Needs)

Contact Person/Phone Number: 602-542-1860

- Alice Davis, Program Manager, (Community Nursing & AzEIP)
- Michele Reese, Program Manager, (TBI & Children with Special Health Care Needs)

**Type of Activity:** Anticipatory guidance and safety/injury prevention education to parents

**Description of Activity:** Contracted Community Health Nurses and Service Coordinators utilize home visits with the family to assess the home environment and provide ongoing education specific to the child's age and development.

Frequency of Activity: During regularly scheduled home visits

Target Audience: Parents and other caregivers; contract providers;

**Beneficiaries:** Children with special health care needs and their families

Cause of injury being addressed: Home safety related to poison control, drowning, car restraints, etc.

**Type of Injury:** Any injury that could result within the home or child's normal environment

Geographic Area served: Statewide through contract providers

Outcomes or results of intervention: No formal outcome information has been gathered

**Advisory Group:** No

**Funding:** Injury Prevention/Safety education is not funded separately. It is a part of the normal guidance provided to families

Name of the Intervention Activity: Injury Prevention under Tsunami Program

**ADHS Unit Name:** Office for Children with Special Health Care Needs

**Contact Person/Phone Number:** Judie Walker 602-542-1860

**Type of Activity:** Advocacy and Presentations

**Description of Activity:** A Tsunami Youth with TBI and Spinal Cord Injuries serves on the Governor's Council for TBI and Spinal Injuries. She also presents at various functions with regards to cede conditions. Most recently, she was part of a web-cast hosted by the Department of Health and Human Services, Maternal and Child Health Bureau, Office of Adolescent Health regarding transition issues for persons suffering from TBI and spinal cord injuries.

Frequency of Activity: On-going

**Target Audience:** Families, Educators, Health Care Professionals who work with Adolescents.

Beneficiaries: Adolescents

Cause of injury being addressed: Any cause.

**Type of Injury:** Traumatic Spinal Cord and Brain Injuries

Geographic Area served: Statewide

**Outcomes or results of intervention:** Surveys are typically used to garner both qualitative and quantitative data regarding presentation. Qualitative data have shown a high desire from audiences to include information from presentation in their own work. The youth representative has also been asked by multiple audience members to present at various functions.

**Advisory Group:** No

Funding: Funded through the Tsunami Program, tied to yearly office budget.